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CLAIM AMENDMENTS

WHAT IS CLAIMED IS:

This listing of the claims will replace all prior versions, and listing, of claims in the application:

- comprising a housing (1), a valve body—(2) and an actuator unit (3), that is inserted into the housing—(1), with wherein the valve body—(2) comprising comprises a cartridge—(21) with a recess—(211) that takes in a needle—(22), a receptance—(221), which is formed in the needle—(22) and fixes a locking element (233) in axial direction relative to the needle—(22), and a spring rest body—(23), which has a recess—(232), through which the needle—(22) protrudes and which takes in the locking element (233) and fixes it in the radial direction relative to the needle—(22), and a return spring—(24) which rests on the spring rest body—(23) which is pretensioned in a way that it presses the spring rest body—(23) against the locking element—(233).
- 2. (Currently Amended) Fluid A fluid injector in accordance with claim 1, where in the locking element—(233) is conically-shaped on the surface facing the spring rest body—(23) and the recess—(232) of the spring rest body—(23) is correspondingly conically-shaped.
- 3. (NEW) A fluid injector according to claim 1, wherein the housing comprises a double-tubed wall.

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- 4. (NEW) A fluid injector according to claim 3, further comprising a fuel connector, wherein fuel is lead through the double-tubed wall towards the injection nozzle.
- 5. (NEW) A fluid injector according to claim 1, comprising a fuel connector, wherein fuel is lead around the actuator unit the injection nozzle.
- 6. (NEW) A fluid injector according to claim 1, wherein the fluid injector is turned into an open mode when actuated.
- 7. (NEW) A fluid injector according to claim 1, wherein the fluid injector is turned into a closed mode when actuated.

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- 8. (NEW) A method for assembling a fluid injector comprising the steps of:
- inserting a needle into a recess of a cartridge of a valve body;
- thereafter, bringing a return spring into contact with a second spring rest, which is formed in the cartridge;
- thereafter, moving a spring rest body onto the needle until it is in a position which is closer towards the second spring rest than a receptance of the needle;
- inserting a locking element into the receptance of the needle;
- allowing the spring rest body to move back till it contacts the locking element in the area of its recess and in that way takes in the locking element in the recess of the spring rest body.
- 9. (NEW) A method according to claim 3, further comprising the step of inserting the valve body into a housing of the fluid injector.
- 10. (NEW) A method according to claim 4, further comprising the step of adjusting a pretension of the return spring.
- 11. (NEW) A method according to claim 3, wherein the step of inserting the locking element into the receptance of the needle is performed from a radial direction relative to the needle.

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- body and an actuator unit inserted into the housing, wherein the valve body comprises a cartridge with a recess that takes in a needle, a receptance, which is formed in the needle and fixes a locking element in axial direction relative to the needle, and a spring rest body, which has a recess, through which the needle protrudes and which takes in the locking element and fixes it in the radial direction relative to the needle, and a return spring which rests on the spring rest body which is pretensioned in a way that it presses the spring rest body against the locking element, wherein the locking element is conically-shaped on the surface facing the spring rest body and the recess of the spring rest body is correspondingly conically-shaped.
- 13. (NEW) A fluid injector according to claim 12, wherein the housing comprises a double-tubed wall.
- 14. (NEW) A fluid injector according to claim 13, further comprising a fuel connector, wherein fuel is lead through the double-tubed wall towards the injection nozzle.
- 15. (NEW) A fluid injector according to claim 12, comprising a fuel connector, wherein fuel is lead around the actuator unit the injection nozzle.
- 16. (NEW) A fluid injector according to claim 12, wherein the fluid injector is turned into an open mode when actuated.

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17. (NEW) A fluid injector according to claim 12, wherein the fluid injector is turned into a closed mode when actuated.